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SCIENTIFIC RESEARCH LICENSE

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ISSUED TO: Greg Oldenborger
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TEAM MEMBERS: A.M-Leblanc,B.Faucher

TITLE: Western Hudson Bay Geoscience for Infrastructure

OBJECTIVES OF RESEARCH:

The western coast of Hudson Bay in the Kivalliq region of Nunavut is undergoing significant infrastructure development associated with natural resources, shipping and community sustainability. Permafrost and ground ice are important features of this landscape that can significantly affect land-based infrastructure through influence on ground stability and drainage patterns. Knowledge of permafrost conditions is required to characterize climate change impacts. However, there are only limited studies of permafrost and ground temperature data in the Kivalliq region. The proposed activity will provide valuable permafrost information along the western Hudson coast of Nunavut.

TERMS & CONDITIONS:
The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:
DATES: April 1,2024 to October 31,2024
LOCATION: Rankin Inlet

Scientific Research License 03 009 24R-M expires on December 31,2024
Issued at Iqaluit, NU on January 17,2024

Per
Jamal Shirley
Science Advisor

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